

**HIGH DEFINITION MATRIX DISPLAY METHOD FOR
STANDARD DEFINITION TV SIGNALS**

ABSTRACT OF THE INVENTION

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A method of displaying a standard definition television signal (20 and 30 or 40) on a high definition matrix display (10) includes the steps of receiving (22) the standard definition television signal to provide a received signal, sampling (24) the received signal to provide a sampled digital video signal, and deinterlacing (26) the sampled digital video signal to provide a progressive line signal. The method further includes the steps of doubling (34 or 42) the progressive line signal to provide a predetermined number of active lines of video in a frame) and displaying (34 or 46) the predetermined number of active lines of video on the high definition matrix display in a shortened vertical interval.

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